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Message Text

UNCLASSIFIED

PAGE 01 TOKYO 00230 090131Z

67
ACTION OES-05

INFO OCT-01 EA-10 ISO-00 INR-07 RSC-01 /024 W
---------- 099585
R 090101Z JAN 75
FM AMEMBASSY TOKYO
TO AEC GERMANTOWN
INFO SECSTATE WASHDC 7144

UNCLAS TOKYO 0230

FOR A. S. FRIEDMAN FROM HENOCH

E.O. 11652: N/A
TAGS: TECH, JA
SUBJECT: JRR-2 DIAPHRAM VALVES FAILURE

REF. AEC#0693 30 DEC 74

1. ASST. AEC SCIREP TOLD JAERI OF AMES LABORATORY RESEARCH REACTOR OPERATIONAL OCCURRENCE WITH RUBBER DIAPHRAM VALVES AND ASKED FOR INFORMATION REGARDING OPERATING EXPERIENCES WITH RUBBER DIAPHRAM VALVES IN THE JAPAN RESEARCH REACTOR NO. 2. JAERI SAID THAT JRR-2 WENT CRITICAL IN 1960 AND THAT THE VALVE MANUFACTURER (FOR DIAPHRAM VALVES) WAS HILLS MCCANNA. NO QUOTE SERIOUS ACCIDENTS UNQUOTE OCCURRED BUT TROUBLES WITH THE VALVES BEGAN AROUND THE YEAR 1967. AT THAT TIME THE DIAPHRAM VALVES DEVELOPED CRACKS AND LEAKS DUE TO CORROSION OF ALUMINUM AT CONTACT SURFACES AND LEAKS DUE TO ELECTROLYTIC CORROSION OF FLANGES. SOME BUT NOT ALL OF THE VALVES AND SOME VALVE PARTS WERE REPLACED.

2. JAERI IS STILL STUDYING THE PROBLEM AND PROMISED FURTHER INFO TO TOKYO AEC IN NEAR FUTURE.
HODGSON

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: RESEARCH, NUCLEAR REACTORS, TECHNOLOGICAL EXCHANGES
Control Number: n/a
Copy: SINGLE
Draft Date: 09 JAN 1975
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Authority: n/a
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 JAN 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
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Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
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To: AEC
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